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Otherwise from Mola all the records are from the Sound at Orient.—ROY LATHAM, *Orient, N. Y.*

A LIST OF HAWAIIAN FISHES

The following is a list of the species contained in the collection of the Academy of Natural Sciences of Philadelphia. Since my list in 1900 a number of species have been received from the U. S. Fish Commission in 1904, besides several small accessions from other sources.

Elops hawaiiensis Regan; *Etrumeus micropus* (Schlegel); *Anchovia purpurea* (Fowler); *Synodus japonicus* (Houttuyn); *Saurida gracilis* (Quoy and Gaimard); *Centrobranchus choerocephalus* Fowler; *Conger marginatus* Valenciennes; *Congermuraena bowersii* (Jenkins); *Atopichthys nuttalli* Fowler; *Leiuranus semicinctus* (Lay and Bennett); *Ophichthus triserialis* (Kaup); *Gymnothorax meleagris* (Shaw and Nodder); *G. undulatus* (Lacepede); *G. batuensis* (Bleeker); *G. pictus* (Ahl); *Echidna nebulosa* (Ahl); *E. polyzona* (Richardson); *Uropterygius marmoratus* (Lacepede); *Aulostomus chinensis* (Linn.); *Fistularia petimba* Lacepede; *Parexocoetus brachypterus* (Richardson); *Exocoetus volitans* Linn.; *Cypselurus simus* Valenciennes; *Belone platyura* Bennett; *Strongylura indica* (Le Sueur); *Hyporhamphus pacificus* (Steindachner); *Hemiramphus brasiliensis* (Linn.); *Hepsetia insularum* (Jordan and Evermann); *Mugil cephalus* Linn.; *Neomyxus chaptalii* (Eydoux and Souleyet); *Sphyræna commersonii* Cuvier; *S. helleri* Jenkins; *Myripristis chryseres* (Jordan and Evermann); *M. multiradiatus* Gunther; *M. murdjan* (Forsk.); *M. argyrommus* Jordan and Evermann; *Holotrachys lima* (Valenciennes); *Flammeo samarra* (Forsk.); *Holocentrus diadema* Lacepede; *H. xantherythrus* Jordan and Evermann; *H. lacteoguttatus* (Cuvier); *H. ensifer* Jordan and Evermann; *Euthynnus alletteratus* (Rafinesque); *Selar crumenophthalmus* (Bloch) *Caranx forsteri* Cuvier; *Cory-*

phaena hippurus Linn.; *Kuhlia marginatus* (Cuvier); *Amia frenata* (Valenciennes); *A. maculifera* (Garrett); *A. menesema* (Jenkins); *Foa brachygramma* (Jenkins); *Epinephelus quernus* Seale; *E. phaeostigmaeus* Fowler; *Odontanthias fuscipinnis* (Jenkins); *Priacanthus cruentatus* (Lacepede); *P. meeki* Jenkins; *Aprion microlepis* (Bleeker); *Pagrosomus auritus* (Schneider); *Monotaxis grandoculis* (Forsk.); *Polydactylus sexfilis* (Valenciennes); *Cirrhitus marmosatus* Lacepede; *Paracirrhitus forsteri* (Schneider); *P. arcatus* (Cuvier); *P. cinctus* (Gunther); *Upeneoides arge* (Jordan and Evermann); *Upeneus multifasciatus* (Quoy and Gaimard); *U. bifasciatus* (Lacepede); *U. porphyreus* (Jenkins); *U. chryserydros* (Lacepede); *U. taeniatus* Kner; *U. pleurostigma* Bennett; *U. macronemus* (Lacepede); *Mulloides auriflamma* (Forsk.); *Pomacentrus jenkinsi* Jordan and Evermann; *P. nigricans* (Lacepede); *Abudefduf sordidus* (Forsk.); *A. abdominalis* (Cuvier); *A. sindonis* Jordan and Evermann; *Dascyllus trimaculatus* (Ruppell); *Anampses cuvier* Quoy and Gaimard; *Stethojulis alborivittata* (Lacepede); *S. axillaris* (Quoy and Gaimard); *Macropharyngodon geoffroyi* (Quoy and Gaimard); *Halichoeres lao* Jenkins; *Coris venusta* Vaillant and Sauvage; *C. ballieni* Vaillant and Sauvage; *Julis pulcherrima* (Gunther); *J. gaimard* (Quoy and Gaimard); *J. flavovittata* (Bennett); *Cheilio inermis* (Forsk.); *Thalassoma duperrey* (Quoy and Gaimard); *T. purpureum* (Forsk.); *T. trilobata* (Lacepede); *Gamphosus varius* Lacepede; *G. tricolor* Quoy and Gaimard; *Cheilinus hexagonatus* Gunther; *C. bimaculatus* Valenciennes; *Novaculichthys virens* (Valenciennes); *N. taeniourus* (Lacepede); *Hemipteronotus pentadactylus* (Linn.); *H. melanopus* (Bleeker); *Iniistius pavoninus* (Valenciennes); *I. niger* (Steindachner); *Cymolutes praetextatus* (Quoy and Gaimard); *Calotomus sandvicensis* (Valenciennes); *Callyodon dubius* (Bennett); *C. perspicillatus* (Steindachner); *Forcipiger longiros-*

tris (Broussonet); *Chaetodon setifer* Bloch; *C. fasciatus* Forskal; *C. unimaculatus* Bloch; *C. miliaris* Quoy and Gaimard; *C. ornatissimus* Cuvier; *C. quadrimaculatus* Gray; *Zanclus canescens* (Linn.); *Hepatus achilles* (Shaw); *H. olivaceus* (Schneider); *H. annularis* (Valenciennes); *H. atrimentatus* (Jordan and Evermann); *H. leucopareius* (Jenkins); *H. matoides* (Valenciennes); *H. triostegus* (Linn.); *H. guttatus* (Schneider); *Ctenochaetus striatus* (Quoy and Gaimard); *Acanthurus unicornis* (Forskal); *A. brevirostris* (Cuvier); *A. lituratus* (Schneider); *Balistes bursa* Schneider; *Balistapus rectangulus* (Schneider); *Canthidermis rotundatus* (Proce); *Cantherines sandwichiensis* (Quoy and Gaimard); *Monacanthus spilosoma* Bennett; *Spherooides hypselogenion* (Bleeker); *Ranzania truncata* (Retzius); *Scorpaenopsis gibbosus* (Schneider); *Sebastapistes strongius* (Cuvier); *Caracanthus maculatus* Gray; *Cephalacanthus orientalis* (Cuvier); *Malacanthus hoedtii* Bleeker; *Eleotris fusca* (Schneider); *Asterropterix semipunctatus* Ruppell; *Eviota epiphanes* (Jenkins); *Gnatholepis anjerensis* (Bleeker); *Mapo fuscus* (Ruppell); *Awaous stamineus* (Eydoux and Souleyet); *A. vittatus* Valenciennes; *Gobionellus papuensis* (Valenciennes); *Kelloggella oligolepis* Jenkins; *Sicydium stimpsoni* Gill; *Echeneis remora* Linn.; *Enneapterygius atriceps* (Jenkins); *Cirripectes variolosus* (Valenciennes); *C. brevis* (Kner); *Alticus marmoratus* (Bennett); *A. gibbifrons* (Quoy and Gaimard); *Salarias edentulus* (Schneider); *Petroscirtes filamentosus* (Valenciennes); *Platophrys pantherinus* (Ruppell); *Engyprosonon hawaiiensis* Jordan and Evermann; *Brotula multibarbata* Schlegel; *Antennarius commersonii* (Lacepede).—HENRY W. FOWLER, *Philadelphia, Pa.*

REPTILE NOTES*

During the past fifteen months many minor notes on the behavior and occurrence of various reptiles and

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